



815-06-06-02

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SIGMA EXPLORATIONS LTD.
A SUBSIDIARY OF THE CITI CORPORATION

LINE NO. 53 - A
PROJECT COLEVILLE LAKE
PROVINCE NORTH WEST TERRITORIES
FIELD PROGRAM FOR SIGMA EXPLORATIONS LTD.
FIELD PROGRAM BY NORTHERN GEOPHYSICAL LTD.
DATE PROCESSED JUNE 1971
PROCESSED BY COP COMPUTER DATA PROCESSORS LTD.
PROCESSED ON COP'S CORP. 75

RECORDING PARTICULARS
Field Recording: ☐ Digital ☐ FM ☐ AM ☐ Transmitted Paper
Energy Source: ☐ Dynamic ☐ Dynamic ☐ Air Gun ☐ Speaker
☐ Vibrator ☐ Sweep Frequency ☐ Sweep Length ☐ Other
Recorded By: NORTHERN GEOPHYSICAL LTD. Date: 1971
Field Instruments: P1-B20 Tape System: PDR-89
No. of Traces Recorded: 35 Format: SSC-A
Recording Sample Rate: 2 msec. Recording Filter Low: 500 High: 125
Gain Information: ☐ Binary ☐ AGC ☐ PGC ☐ Fixed ☐ Other
Group Interval: 160' No. of Geophones Per Group: 9
Spread Layout: 100'-250'-250'-1000'
Remarks:

REMARKS (CONTINUED ON REVERSE)

DIGITAL PROCESSING
Input Data: ☐ Multiple ☐ Sequential Sample rate: 2 msec. Format: 9 TRACK
☐ Demultiplex
☐ Gain Compensation: ☐ Exponential ☐ Spherical Divergence ☐ Programmed
☐ Digital AGC ☐ Trace Equalization ☐ Other
☐ Vibroseis Correlation: ☐ Recorded ☐ Synthetic Sweep Frequency
Phase Compensation: ☐ Spectrum Compensation

☐ NMO Removal

Digital Filtering Routines:

☐ Deconvolution:

☐ Bandpass Filter: ☐ Frequency Domain ☐ Time Domain Operator Length: msec.

Time Varying Filter Parameters:

Time: 10 20 30 40 50 60 70 80 90 100

Filter: 10 20 30 40 50 60 70 80 90 100

Trace Muting: ☐ Residual NMO ☐ Residual Static Corrections

☐ Static Corrections By COP: NORTHERN DATA PROCESSORS LTD.

☐ Trace Gather: ☐ Stack: 100% ☐ Gather: %

☐ Flattener: % Gate

Datum or Flattening Horizon: STRUCTURE

Datum Velocity: 18,000 Ft./sec. Datum Elevation: 1,000' A.S.L.

☐ RMS Equalization ☐ Programmed Gain ☐ Digital AGC

☐ Automated Program Gain ☐ Other

Polarity: ☐ Normal ☐ Reversed

☐ MCF Continuity Filter

Bandpass Option: ☐ High Gate

☐ Two Dimensional Time Space Filter Gate

☐ Pass ☐ Reject Left: msec. Trace Right: msec. Trace

Digital Output Roll No. 5478

Remarks: 7 COP'S CORP'S PROGRAM

815-06-05-02

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PROJ. NO.

815-08-06-02

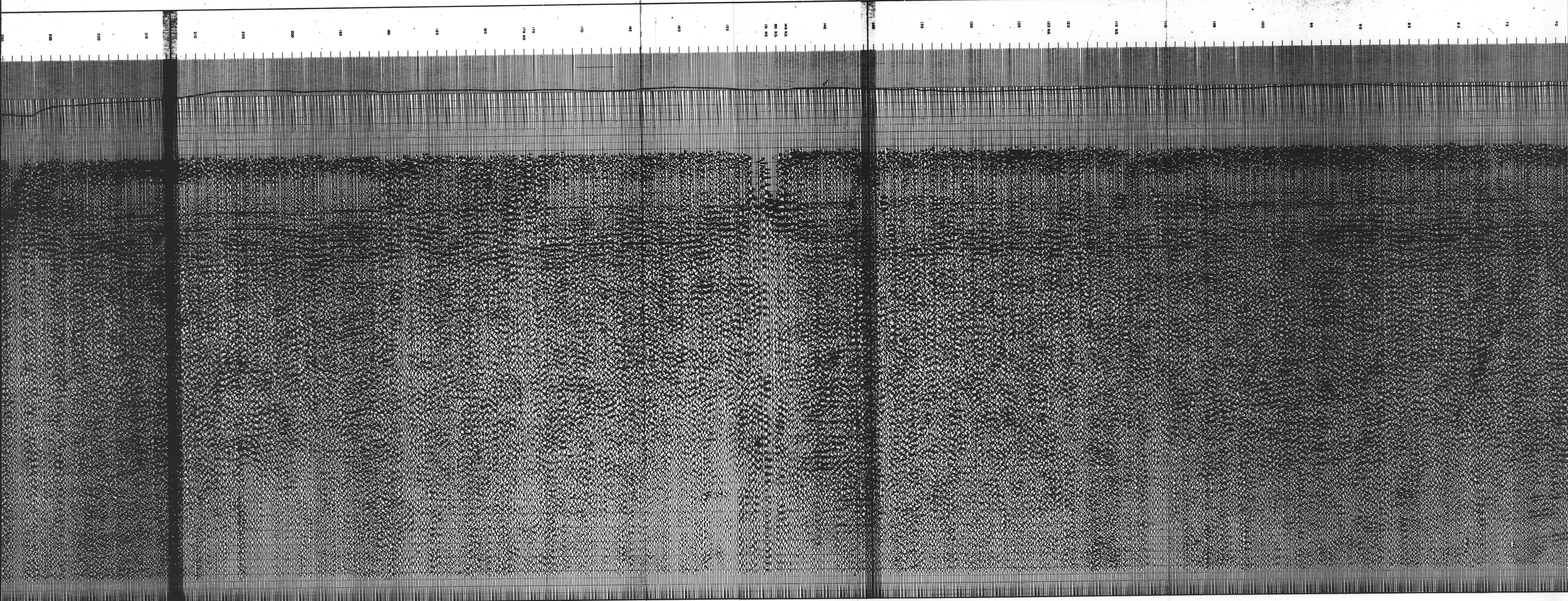
LINE NO.

5 3 A

PART NO.

2 OF 3

R.R. 5.5X



PROJ. NO.

815-06-06-02

LINE NO.

5 3 A

PART NO.

3 OF 3

R.R. 5.5X

